JUN 1 6 2006

MASIMO.236C1

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant

Mohamed K. Diab

Appl. No.

10/695,405

Filed

: October 28, 2003

For

OPTICAL SPECTROSCOPY

PATHLENGTH MEASUREMENT

SYSTEM

Examiner

Eric F. Winakur

Group Art Unit

3736

CERTIFICATE OF FAX TRANSMISSION PTO CENTRALIZED FAX

I hereby certify that this correspondence and all marked attachments, are being transmitted via facsimile to the USPTO centralized Fax No. (571) 273-8300 on the date shown below;

<u>June 16, 2006</u>

(Date)

Total number of pages including this of

arom D. Kester, Reg. No. 57,046

AMENDMENT AND RESPONSE TO OFFICE ACTION DATED MARCH 20, 2006

Mail Stop AF

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Office action of March 20, 2006, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.

06/19/2006 TL0111

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